

2/21/07, 4-3

1999 EGGPLANT - COST ANALYSIS - REPORT IN DOLLARS PER ACRE.**I. OPERATING COSTS:****COST OF TRANSPLANT PRODUCTION:****GREENHOUSE COSTS:**

Greenhouse Fumigation	\$56.00/acre
Labor <sup>1</sup> (Planting, Thinning, Watering)	\$678.00/acre
Fuel/heating	\$579.37/acre
Planting Trays	\$135.52/acre
\$55.99 per 100 trays, 18 plants/tray, 4350 plants/acre = 242 trays/acre)	
Planting Media	\$52.50/acre
Fertilizer in greenhouse	\$7.20/acre
(2 applications of liquid 20-20-20 @ 3 lb/application, 20-20-20 costs \$29.95/25lb bag)	

**PLANTING COSTS:****FIELD PREPARATION**

Tractor hours (plowing, level, bedding, laying plastic)	\$328.00/acre
\$32.00/acre for each field treatment (labor and tractor maintenance)	
Plastic Mulch (just material)	\$60.61/acre
Drip Irrigation (Tape/connectors)	\$128.78/acre
Drip Irrigation (set up - labor, main lines and tape hook up)	\$142.68/acre
Fertilizer (750 lbs/acre of 13-13-13 w/micros @ \$289/ton)	\$108.37/acre
Fumigation (Vapam @ 75 gal/ac @ \$7.38/gal)	\$553.50/acre
Herbicide (Devrinol @ 2 lb/ac \$8.05/lb)	\$16.10/acre
Soil Fungicide (Ridomil Gold @ 1pt/ac @ \$840/gal)	\$80.00/acre

**FIELD PLANT MAINTENANCE:**

Irrigation (Fuel)	\$382.69/acre
Irrigation (Labor to move pipe, only if no drip)	\$128.80/acre
Staking & Tying	
Stakes (\$0.28/stake, 2175 stakes/acre)	\$609.00/acre
String	\$87.49/acre
Labor <sup>1</sup>	\$315.10/acre
Fertilizer (source: Milford Fertilizer)	\$99.00/acre
(liquid through drip 8-7-8 w/micros \$150/ton, 181 gal/ton)	
Insecticide Application	
(Admire @ 24 oz/ac (or 0.19 gal/ac) @ \$540/gal)	\$102.60/acre
Initially Controls: Colorado Potato Beetle, Flea Beetle, Aphids	
(Guthion @ 0.75lb/ac @ \$8.15/lb)	\$6.11/acre
Controls: Leafminer, Lacebug	
(Vydate L @ 2qt/ac @ \$54.25/gal)	\$27.12/acre
Controls: Mites	
(Thiodan @ 1lb/ac @ \$6.25/lb)	\$6.25/acre
Ladder Control for Colorado Potato Beetle, Aphids	
Spray Application (Skilled Labor)	\$286.78/acre
Cultivation (Tractor Hours & Labor)	\$52.00/acre

<sup>1</sup> Labor cost for migrant farm workers at \$6.16 per hour

→ in 2007 this cost is \$7.15/hr